



中国认可
国际互认
检测
TESTING
CNAS L0167

Test Report

SL92519326978301FW

Date: July 18, 2025 Page 1 of 6

SHANGHAI LANGFENG INDUSTRIAL CO., LTD.
ROOM 910, BUILDING 6, SHANGHAI, China

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : A: Three pairs of shoes in black
B: 1.5 pairs of kevlar Plate for Protective insole

Buyer : Safetoe
Brand : Safetoe
Style Name : M-8356RB
Gender & Size : Men's US 9
Protective toe cap : Composite Toecap
Protective insole : Kevlar Plate
Upper : Full Grain Cow Leather
Vamp Lining : Sandwich Mesh
Quarter Lining : Sandwich Mesh
In-sock (foot-bed) : Memory Foam
Sole (Midsole & Outsole) : PU/Rubber
Is this a retest? : No
Judgment Accordance : ASTM F2413-24
Test Performance/
Standard : See testing results page

Sample Receiving Date : Jul 15, 2025

Testing Period : Jul 15, 2025 - Jul 18, 2025

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Asan Huang (Approved Signatory)

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Conclusion	A US 9#	B	Remark
Protective Toe Impact Resistance	PASS	-	
Protective Toe Compression Resistance	PASS	-	
Electric Hazard Resistance	PASS	-	
Puncture Resistance	-	PASS	



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SL92519326978301FW

Date: July 18, 2025 Page 3 of 6

Test Result

Performance Requirements for Protective (Safety) Toe Cap Footwear

ASTM F2413-24

Protective Toe Impact Resistance

(ASTM F2412-24, Clause 5; Impact energy: 101.75 J)

A US 9#(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	21.2	21.7	Min. 12.7 mm

Conclusion**PASS****A US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	20.5	Min. 12.7 mm

Conclusion**PASS****Protective Toe Compression Resistance**

(ASTM F2412-24, Clause 6; Compression load: 2500 lbf)

A US 9#(Left)

	No. 1	Requirement
Internal Height Clearance(mm)	26.5	Min. 12.7 mm

Conclusion**PASS****A US 9#(Right)**

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	26.0	26.1	Min. 12.7 mm

Conclusion**PASS****Electric Hazard Resistance**

(ASTM F2412-24, Clause 9; Test Voltage: 18 kV at 60 Hz; Test Period: 1 min)

A US 9#(Left)

	No. 1	No. 2	Requirement
Leakage Current(mA)	0.1	0.1	Max. 1.0 mA

Conclusion**PASS****A US 9#(Right)**

	No. 3	Requirement
Leakage Current(mA)	0.1	Max. 1.0 mA

Conclusion**PASS**

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Puncture Resistance

(ASTM F2412-24, Clause 11.5)

B

	No. 1	No. 2	No. 3	Requirement
Assessment (Specimen 1)	No visually penetration	No visually penetration	No visually penetration	See Remark
Assessment (Specimen 2)	No visually penetration	No visually penetration	No visually penetration	See Remark
Assessment (Specimen 3)	No visually penetration	No visually penetration	No visually penetration	See Remark

Conclusion**PASS**

Remark: The tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200N



Sample Photo



Product information is provided by applicant without verification or authentication of the brand.



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Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report

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SGS-CTC Standards Technical Service Co., Ltd.
Guangzhou Branch Inspection & Testing Services

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